



## SEQUENCE LISTING

<110> Gaiger, Alexander  
Cheever, Martin A.

<120> COMPOSITIONS AND METHODS FOR WT1  
SPECIFIC IMMUNOTHERAPY

<130> 210121.465C3

<140> US 09/685,830

<141> 2000-10-09

<150> US 09/684,361

<151> 2000-10-06

<150> US 09/276,484

<151> 1999-03-25

<150> US 09/164,223

<151> 1998-09-30

<160> 326

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 Asn Ala Pro Tyr Leu Pro Ser Cys Leu  
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<400> 284  
 Asn Leu Tyr Gln Met Thr Ser Gln Leu  
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 Asn Gln Met Asn Leu Gly Ala Thr Leu  
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 Pro Gly Ala Ser Ala Tyr Gly Ser Leu  
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 Gln Ala Ser Ser Gly Gln Ala Arg Met  
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 Gln Tyr Arg Ile His Thr His Gly Val  
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Ser Cys Leu Glu Ser Gln Pro Thr Ile  
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Ser Cys Gln Lys Lys Phe Ala Arg Ser  
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<400> 301  
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<210> 302  
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 <212> PRT  
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<400> 302  
 Thr Leu His Phe Ser Gly Gln Phe Thr  
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<210> 303  
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 <212> PRT  
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<400> 303  
 Thr Leu Val Arg Ser Ala Ser Glu Thr  
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<210> 304  
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 <212> PRT  
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<400> 304  
 Val Leu Asp Phe Ala Pro Pro Gly Ala  
 1 5

<210> 305  
 <211> 9  
 <212> PRT  
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<400> 305  
 Trp Asn Gln Met Asn Leu Gly Ala Thr  
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<400> 306  
 Tyr Phe Lys Leu Ser His Leu Gln Met  
 1 5

<210> 307  
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 <212> PRT  
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<400> 307  
 Tyr Gln Met Thr Ser Gln Leu Glu Cys  
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<400> 308  
 Tyr Ser Ser Asp Asn Leu Tyr Gln Met  
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 <213> Homo sapien

<400> 309  
 Gly Ala Ala Gln Trp Ala  
 1 5

<210> 310  
 <211> 12  
 <212> PRT  
 <213> Homo sapien

<400> 310  
 Ala Ser Ala Tyr Gly Ser Leu Gly Gly Pro Ala Pro  
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<210> 311  
 <211> 15  
 <212> PRT  
 <213> Homo sapien

<400> 311  
 Ala Phe Thr Val His Phe Ser Gly Gln Phe Thr Gly Thr Ala Gly  
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<210> 312  
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 <212> PRT  
 <213> Homo sapien

<400> 312  
 His Ala Ala Gln Phe  
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<210> 313  
 <211> 32  
 <212> PRT  
 <213> Homo sapien

<400> 313  
 Cys His Thr Pro Thr Asp Ser Cys Thr Gly Ser Gln Ala Leu Leu Leu  
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<210> 314  
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 Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser  
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<210> 315  
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 <212> PRT  
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<400> 315  
 Arg Tyr Phe Lys  
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<210> 316  
 <211> 14  
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<400> 316  
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<210> 317  
 <211> 22  
 <212> PRT  
 <213> Homo sapien

<400> 317  
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 His Thr Gly Lys Thr Ser  
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<210> 318  
 <211> 21  
 <212> PRT  
 <213> Homo sapien

<400> 318  
 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His Asn  
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 Met His Gln Arg Asn  
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<210> 319  
 <211> 449  
 <212> PRT  
 <213> Homo sapien

<400> 319  
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 Ser Leu Gly Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala  
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 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr  
 35 40 45  
 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro  
 50 55 60  
 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly  
 65 70 75 80  
 Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe  
 85 90 95  
 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe  
 100 105 110  
 Gly Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe  
 115 120 125  
 Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile  
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 Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr  
 145 150 155 160  
 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe

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<212> PRT
<213> Mus musculus
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			20					25					30			
Gln	Trp	Ala	Pro	Val	Leu	Asp	Phe	Ala	Pro	Pro	Gly	Ala	Ser	Ala	Tyr	
		35					40					45				
Gly	Ser	Leu	Gly	Gly	Pro	Ala	Pro	Pro	Pro	Ala	Pro	Pro	Pro	Pro	Pro	
	50					55					60					
Pro	Pro	Pro	Pro	His	Ser	Phe	Ile	Lys	Gln	Glu	Pro	Ser	Trp	Gly	Gly	
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Ala	Glu	Pro	His	Glu	Glu	Gln	Cys	Leu	Ser	Ala	Phe	Thr	Leu	His	Phe	
				85					90					95		
Ser	Gly	Gln	Phe	Thr	Gly	Thr	Ala	Gly	Ala	Cys	Arg	Tyr	Gly	Pro	Phe	
			100					105					110			
Gly	Pro	Pro	Pro	Pro	Ser	Gln	Ala	Ser	Ser	Gly	Gln	Ala	Arg	Met	Phe	
		115					120					125				
Pro	Asn	Ala	Pro	Tyr	Leu	Pro	Ser	Cys	Leu	Glu	Ser	Gln	Pro	Thr	Ile	
	130					135					140					
Arg	Asn	Gln	Gly	Tyr	Ser	Thr	Val	Thr	Phe	Asp	Gly	Ala	Pro	Ser	Tyr	
145					150					155					160	
Gly	His	Thr	Pro	Ser	His	His	Ala	Ala	Gln	Phe	Pro	Asn	His	Ser	Phe	
				165					170					175		
Lys	His	Glu	Asp	Pro	Met	Gly	Gln	Gln	Gly	Ser	Leu	Gly	Glu	Gln	Gln	
		180						185					190			
Tyr	Ser	Val	Pro	Pro	Pro	Val	Tyr	Gly	Cys	His	Thr	Pro	Thr	Asp	Ser	
		195					200					205				
Cys	Thr	Gly	Ser	Gln	Ala	Leu	Leu	Leu	Arg	Thr	Pro	Tyr	Ser	Ser	Asp	
	210					215					220					
Asn	Leu	Tyr	Gln	Met	Thr	Ser	Gln	Leu	Glu	Cys	Met	Thr	Trp	Asn	Gln	
225					230					235					240	
Met	Asn	Leu	Gly	Ala	Thr	Leu	Lys	Gly	Met	Ala	Ala	Gly	Ser	Ser	Ser	
				245					250					255		
Ser	Val	Lys	Trp	Thr	Glu	Gly	Gln	Ser	Asn	His	Gly	Ile	Gly	Tyr	Glu	
		260					265					270				
Ser	Asp	Asn	His	Thr	Ala	Pro	Ile	Leu	Cys	Gly	Ala	Gln	Tyr	Arg	Ile	
	275						280					285				
His	Thr	His	Gly	Val	Phe	Arg	Gly	Ile	Gln	Asp	Val	Arg	Arg	Val	Ser	
	290					295					300					
Gly	Val	Ala	Pro	Thr	Leu	Val	Arg	Ser	Ala	Ser	Glu	Thr	Ser	Glu	Lys	
305					310					315					320	
Arg	Pro	Phe	Met	Cys	Ala	Tyr	Pro	Gly	Cys	Asn	Lys	Arg	Tyr	Phe	Lys	
				325					330					335		
Leu	Ser	His	Leu	Gln	Met	His	Ser	Arg	Lys	His	Thr	Gly	Glu	Lys	Pro	
			340					345					350			
Tyr	Gln	Cys	Asp	Phe	Lys	Asp	Cys	Glu	Arg	Arg	Phe	Ser	Arg	Ser	Asp	
		355					360					365				
Gln	Leu	Lys	Arg	His	Gln	Arg	Arg	His	Thr	Gly	Val	Lys	Pro	Phe	Gln	
	370					375					380					
Cys	Lys	Thr	Cys	Gln	Arg	Lys	Phe	Ser	Arg	Ser	Asp	His	Leu	Lys	Thr	
385					390					395					400	
His	Thr	Arg	Thr	His	Thr	Gly	Lys	Thr	Ser	Glu	Lys	Pro	Phe	Ser	Cys	
				405					410					415		
Arg	Trp	His	Ser	Cys	Gln	Lys	Lys	Phe	Ala	Arg	Ser	Asp	Glu	Leu	Val	
		420						425					430			
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Leu

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&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapien and Mus musculus

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<213> Homo sapien and Mus musculus

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Ser Ser Gly Gln Ala Arg Met Phe Pro  
1 5

<210> 323  
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<400> 323  
Gln Ala Arg Met Phe Pro Asn Ala Pro  
1 5

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<213> Homo sapien and Mus musculus

<400> 324  
Met Phe Pro Asn Ala Pro Tyr Leu Pro  
1 5

<210> 325  
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<212> PRT  
<213> Homo sapien and Mus musculus

<400> 325  
Pro Asn Ala Pro Tyr Leu Pro Ser Cys  
1 5

<210> 326  
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<212> PRT  
<213> Homo sapien and Mus musculus

<400> 326  
Ala Pro Tyr Leu Pro Ser Cys Leu Glu  
1 5